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FACSIMILE COVER SHEET

DATE: JANUARY 17, 2005

NUMBER OF PAGES (INCLUDING

THIS TRANSMITTAL COVER SHEET): 10

YOUR REFERENCE:

09/681,844

OUR REFERENCE: 212311

To: United States Patent and Trademark Office, Patent Technology Center 2100

FACSIMILE NUMBER: (703) 872-9306

FROM: RICHARD P. DODSON

DIRECT LINE: (206) 521-5987

In re Application of:

VETRIVELKUMARAN et al.

Art Unit: 2153

Application No. 09/681,844

Examiner: Bargadic, Yasin M

Filed: June 15, 2001

For: APPLICATION PROGRAM CACHING

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Date: January 17, 2005

Richard P. Dodson

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JAN 17 2005

PATENT Attorney Docket No. 212311 Client Reference No. 154795.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Vetrivelkumaran

Group Art Unit: 2153

Application No. 09/681,844

Examiner: Bargadele, Yasin M.

Filed: June 15, 2001

For: Application

Examiner: Bargaocie, Yasın M

Application Program Caching

INFORMATION DISCLOSURE STATEMENT

Mail Stop Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

П	within any one of the following time periods: (a) within three months of the filing
	day within the finding time periods. (a) within the finding of the fing
	date of a national application other than a continued prosecution application under
	37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as
	of the national stage as
	set forth in 37 CFR 1.491 of an international application; (c) before the mailing date
	of a first Office Action on the monitor of (4) had not the monitor of (5)
	of a first Office Action on the merits; or (d) before the mailing of a first Office Action
	after the filing of a request for continued examination under 37 CFR 1 114

In re Appln. of Vetrivelkumaran Application No. 09/681,844

\boxtimes	37 CF	(a), (b), (c) or (d) above, but before the mailing date of a final action under R 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that vise closes prosecution in the application, and includes one of:			
		the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).			
	\Box	the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).			
	and o 37 CF	the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance 37 CFR 1.311, or an action that otherwise closes prosecution in the application, or before payment of the issue fee, and includes the Statement under R 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as th in 37 CFR 1.17(p) (see "Fees" below).			
	after the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and within thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below). NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.				
Copie	s of the	References			
	Copies herewi	s of all of the references listed on the enclosed Form 1449 are enclosed ith.			
☒	Copies of U.S. patents and patent applications that are listed on the accompanying Form 1449 are not enclosed herewith. Copies of other references identified on the accompanying Form 1449 are enclosed herewith.				
⊠	an Eng action degree	ed to each reference not in the English language is a concise explanation of the nce pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or glish-language abstract, or an English-language version of the search report or by a foreign patent office in a counterpart foreign application indicating the of relevance found by the foreign office is being submitted in lieu of a concise ation of the relevance pursuant to 37 CFR 1.98(a)(3).			
\boxtimes	А сору	of the foreign search report is enclosed herewith.			
	furnish submit	ferences listed on the enclosed Form 1449 were previously identified in the application(s) of the present application, and copies of the references were ed at that time. Accordingly, additional copies of the references are not ted herewith, so as not to burden the file with duplicate copies of references. xaminer is respectfully requested to carefully review the references in			

In re Appln. of Vetrivelkumaran Application No. 09/681,844

accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLI	CATIONS	Status (check one)			
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED	
1.					
2.					
3.					

Statement under 37 CFR 1.97(e)

\boxtimes	The undersigned hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
	The undersigned hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.
State	ment under 37 CFR 1.704(d)
	The undersigned hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filling of the Information Disclosure Statement.
Fees	
	No fee is owed by the applicant(s). The IDS Fee of \$180 under 37 CFR 1.17(p) is enclosed herewith.
Meth	od of Payment of Fees
	Attached is a check in the amount of \$. Charge Deposit Account No. 12-1216 in the amount of \$. (A duplicate copy of this communication is enclosed for that purpose.)

In re Appln. of Vetrivelkumaran Application No. 09/681,844

Authorization to Charge Additional Fees

If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.)

Instructions as to Overpayment

Credit Account No.	12-1216
Refund	

Richard P. Dodson, Reg. No. 52,824 LEYDIG, VOIT & MAYER, LTD. Two Prudential Plaza, Suite 4900 180 North Stetson Avenue Chicago, Illinois 60601-6780 (312) 616-5600 (telephone) (312) 616-5700 (facsimile)

Date: January 17, 2005

TDS (Revised 10/21/04)

Please type a plus sign (+) inside this box ->
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			<u>-</u>		Complete If Known	-
Substitute for form 1449A/B/PTO				Application Number	09/681,844	
INF	ORMATION	DISCL	OSURE	Filing Date	June 15, 2001	
	TEMENT E			First Named Inventor	Vetrivelkumaran	
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	(Use as many she	ets as necesa	ary)	Examiner Name	Barqadle	
Sheet	1	of	1	Attorney Docket Number	212311	

					U.S.	PATENT DOCUMENTS				
		U.S. Patent Document								
Examiner Initiats	Doc. No.	Falcil Number		Kind C	ode	Name of Patentee or Applicant	Date of Publication	Filing C	Filing Date If Appropriate	
	AE	6,0	65,043	ļ	_	Domenikos et al.	05/16/2000			
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Examiner Initials	Doc. No.	Office	Applicat Patent N	tion or lumber	Kind Code	Name of Patentee or Applicant	Oate of Publication	Yes	No	
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		OTHER - NON PATENT LITERATURE DOCUMENTS		
Examiner	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the imm		Translation	
Initials	No.	(book. magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No**
	AF	European Patent Office, Partial Search Report in Corresponding Application No. 01116954.7, 4 pgs (December 27, 2004)	•	
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Examiner Signature	
Evening Collinitation	Date Considered
	22/2 22/13/05/05

A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
 An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).